Docket No. 293722US8PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Tamami MARUYAMA, et al.

SERIAL NO: New U.S PCT Application Based on PCT/IB05/00078 GAU:

FILED: Herewith EXAMINER:

FOR: MAZE CREATING METHOD, ANTENNA OPTIMUM DESIGNING METHOD, PROGRAM, AND ANTENNA

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:
Applicant(s) wish to disclose the following information.

REFERENCES

■ The applicant(s) wish to make of record the references cited in the International Search Report and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

■ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 293722US8PCT	SHEET 1 OF 2 SERIAL NO. 10/586,396 New U.S. PCT Application Based on PCT/IB05/00078
LIST OF REFERENCES CITED BY APPLICANT	APPLICANT Tamami MARUYAMA, et al.	
	FILING DATE Herewith	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	TRANSLATION NO
	AO	2003-332814	11/21/03	JP(with English abstract & computer generated translation)		NO
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	MALONEY, James C. et al., "Switched Fragmented Aperture Antennas", IEEE, Vol. 1, Pages 310-313, 2000.
	AX	XIAO, Shaoqiu et al., " Reconfigurable Microstrip Antenna Design Based on Genetic Algorithm", IEEE, Vol. 1, Pages 407-410, 2003.
	AY	VILLEGAS, F. J. et al., "Parallel Genetic-Algorithm Optimization of A Dual-Band Patch Antenna for Wireless Communications", IEEE, Vol. 1, Pages 334-337, 2002.
		URBANI, F. et al., "Patch Antennas Loaded by Inhomogeneous Substrates: a Combined Spectral Domain-Genetic Algorithm Approach", ICECOM 2003 17th International Conference on Applied Electromagnetics and Communications, Pages 185-188, 2003.
		CHOO, H. et al., "Design of broadband and dual-band microstrip antennas on a high-dielectric substrate using a genetic algorithm", IEE Proc.-Microw. Antennas Propag., Vol. 150, No. 3, Pages 137-142, 2003.
		LI, Z., et al. "Frequency selective surface design by integrating optimisation algorithms with fast full wave numerical methods", IEE Proc.-Microw. Antennas Propag., Vol. 149, No. 3, Pages 175-180, 2002.
	AZ	CHOO, H. et al., "Design of Multiband Microstrip Antennas Using a Genetic Algorithm", IEEE Microwave and Wirelss Components Letters, Vol. 12, No. 9, Pages 345-347, 2002.

☐ Additional References sheet(s) attached

Examiner	Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.